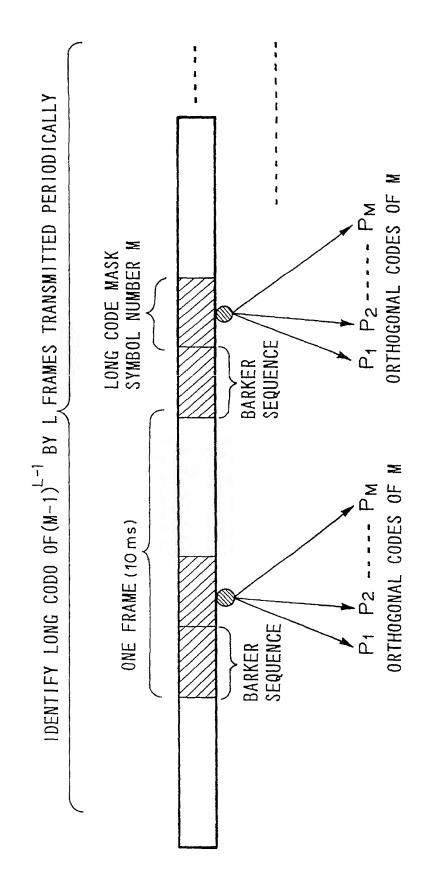


F16.2

		COBBECDONDING
SYMBOL (ORTHOGONAL CODE)	POLARITY OF SYMBOL ADDITION(RING BUFFER)	DATA
	+ + +	11(HEADER)
1010	++++	10
		10
1100	! - <del> </del>	>
	+-++	00

TIME TIME INTEGRATION UNIT A VALUE IN RING BUFFER SYNCHRONIZATION ADDITION TIME INTEGRATION ON TOWARD TO THE TOWARD TOWARD TO THE TOWARD TO THE TOWARD TO THE TOWARD TOWARD TO THE TOWARD TOWARD TOWARD TOWARD TOWARD TOWARD TO THE TOWARD TOW TIME INTEGRATION SIGNAL + NOISE UNIT F16.3 TIME INTEGRATION UNIT TIME INTEGRATION RESULT

F16.4



F I G. 5

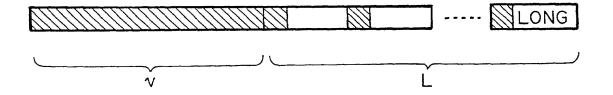
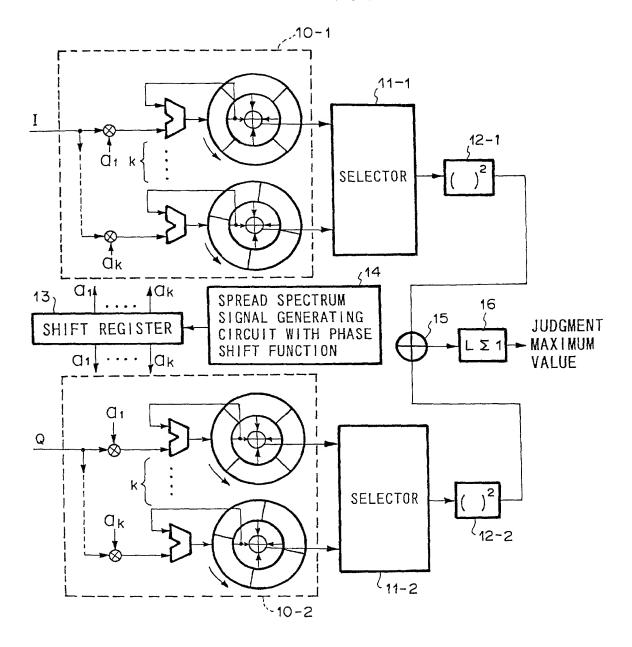
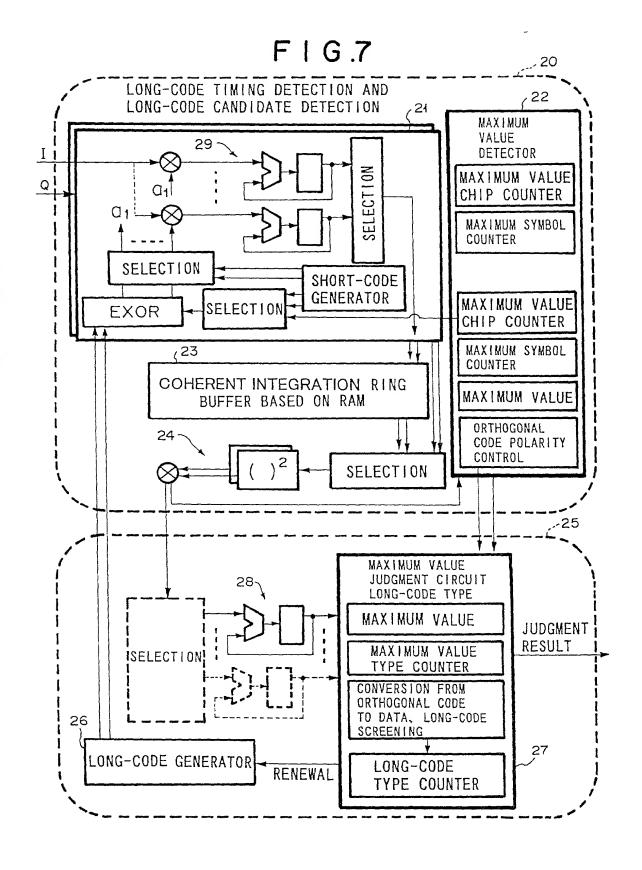
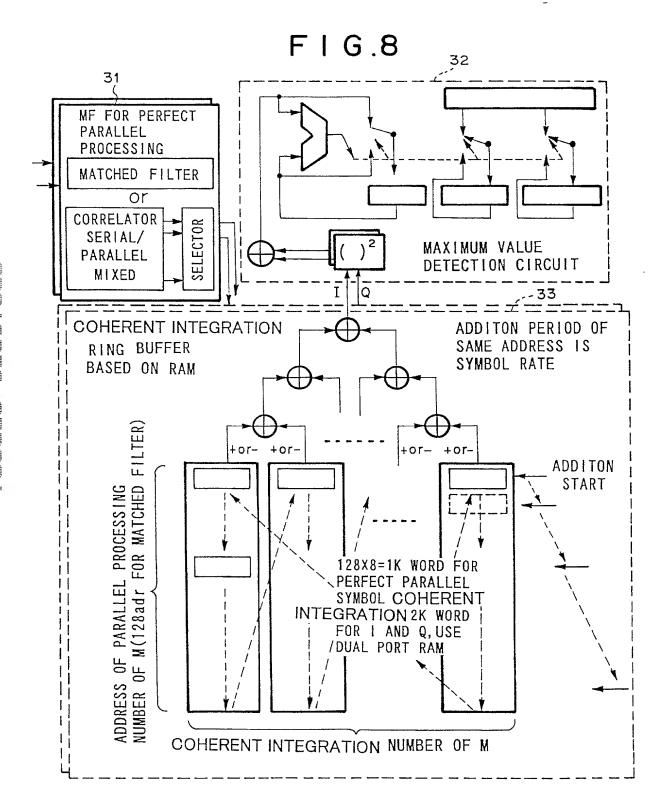
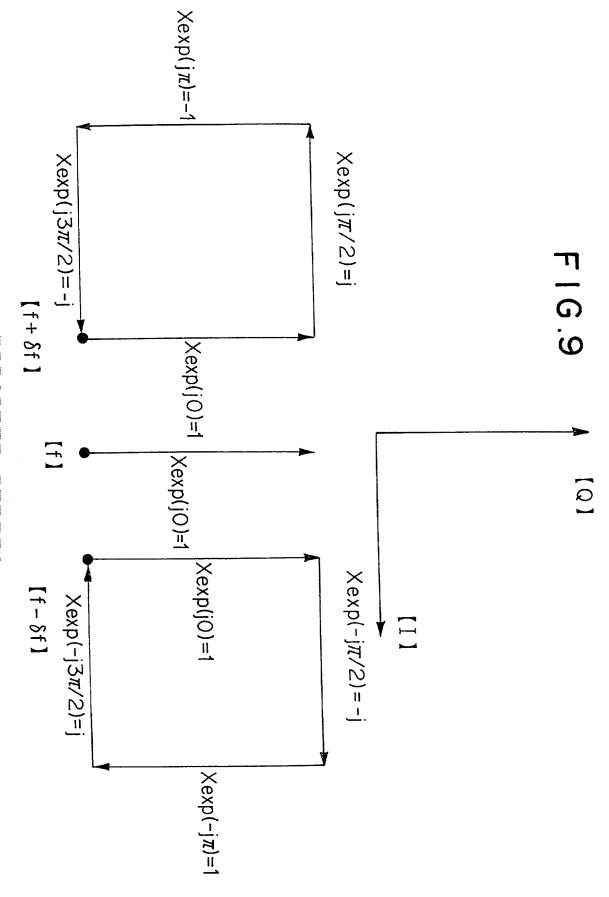


FIG.6









F | G.10

t <sub>3</sub>	†2	<u>-</u>	to	TIME (PHASE)		
3π/2	$\pi$	$\pi/2$	0	HASE)	FREQUENCY	
ф	- a	-b	a			
- Q	- b	a	Ь	۵	f+8f	
Ω	Ω	Q	Ω	H		
Б	b	Ъ	D	Ð	f	
<u> </u>	- Q	Ъ	Ω	<b>}1</b>	$f - \delta f$	
Ω	Ь	- Q	Ь	Q	δf	

## • CARRIER FREQUENCY DEVIATION COHERENT INTEGRATION

If 
$$+ \delta f$$
 I:  $[(t=t_0)-Q(t=t_1)-I(t=t_2)+Q(t=t_3)$   
Q:  $Q(t=t_0)+I(t=t_1)-Q(t=t_2)-I(t=t_3)$ 

I: 
$$I(t=t_0)+I(t=t_1)+I(t=t_2)+I(t=t_3)$$

Q: 
$$Q(t=to)+Q(t=t_1)+Q(t=t_2)+Q(t=t_3)$$
  
[f +  $\delta$ f] I:  $I(t=to)+Q(t=t_1)-I(t=t_2)-Q(t=t_3)$   
Q:  $Q(t=to)-I(t=t_1)-Q(t=t_2)+I(t=t_3)$